

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A light emitting device comprising:

~~a substrate having an insulating surface;~~

an insulating film formed over ~~the substrate~~ an insulating surface; and

a light emitting element comprising a transparent electrode, an organic compound layer formed on the transparent electrode and a cathode formed on the organic compound layer, formed over the insulating film,

wherein a hole is formed in the insulating film, ~~and~~

wherein a light reflector is placed so as to cover the hole[.] , and

wherein the light reflector is in contact with the insulating surface.

2. (Currently amended) A light emitting device comprising:

~~a substrate having an insulating surface;~~

at least one transistor formed over ~~the substrate~~ an insulating surface;

an insulating film formed in contact with the transistor; and

a light emitting element comprising a transparent electrode, an organic compound layer formed on the transparent electrode and a cathode formed on the organic compound layer, formed in contact with the insulating film,

wherein a hole is formed in the insulating film, ~~and~~

wherein a light reflector is placed so as to cover the hole[.] , and

wherein the light reflector is not in contact with the at least one transistor.

3. (Currently amended) A light emitting device comprising:
~~a substrate having an insulating surface;~~
at least one transistor formed over ~~the substrate~~ an insulating surface;
an insulating film formed in contact with the transistor; and
a light emitting element comprising a transparent electrode, an organic compound layer formed on the transparent electrode and a cathode formed on the organic compound layer, formed in contact with the insulating film,

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wherein a hole is formed in the insulating film, ~~and~~
wherein the cathode is placed so as to cover the hole[.] , and
wherein the cathode is not in contact with the at least one transistor.

4. (Currently amended) A light emitting device comprising:
~~a substrate having an insulating surface;~~
at least one transistor formed over ~~the substrate~~ an insulating surface;
a first insulating film formed in contact with the transistor;
a second insulating film formed in contact with the first insulating film; and
a light emitting element comprising a transparent electrode, an organic compound layer formed on the transparent electrode and a cathode formed on the organic compound layer, formed in contact with the insulating film,

wherein a hole is formed in the first and second insulating films, ~~and~~
wherein a light reflector is placed so as to cover the hole[.] , and
wherein the light reflector is in contact with the insulating surface.

5. (Currently amended) A light emitting device comprising:

~~a substrate having an insulating surface;~~

at least one transistor formed over ~~the substrate~~ an insulating surface;

a first insulating film formed in contact with the transistor;

a second insulating film formed in contact with the first insulating film; and

a light emitting element comprising a transparent electrode, an organic compound layer

B¹ formed on the transparent electrode and a cathode formed on the organic compound layer, formed in contact with the insulating film,

wherein a hole is formed in the first and second insulating films, ~~and~~

wherein the cathode is placed so as to cover the hole[.] , and

wherein the cathode is not in contact with the at least one transistor.

6. (Currently amended) A light emitting device comprising:

~~a substrate having an insulating surface;~~

at least one transistor formed over ~~the substrate~~ an insulating surface;

a first insulating film formed in contact with the transistor;

a second insulating film formed in contact with the first insulating film;

a third insulating film formed in contact with the second insulating film; and

a light emitting element comprising a transparent electrode, an organic compound layer formed on the transparent electrode and a cathode formed on the organic compound layer, formed in contact with the insulating film,

wherein a hole is formed in the first, second and third insulating films, ~~and~~

wherein a light reflector is placed so as to cover the hole[.] , and

wherein the light reflector is in contact with the insulating surface.

7. (Currently amended) A light emitting device comprising:

~~a substrate having an insulating surface;~~

at least one transistor formed over ~~the substrate~~ an insulating surface;

a first insulating film formed in contact with the transistor;

a second insulating film formed in contact with the first insulating film;

a third insulating film formed in contact with the second insulating film; and

a light emitting element comprising a transparent electrode, an organic compound layer formed on the transparent electrode and a cathode formed on the organic compound layer, formed in contact with the insulating film,

wherein a hole is formed in the first to third insulating films, ~~and~~

wherein the cathode is placed so as to cover the hole[.] , and

wherein the cathode is not in contact with the at least one transistor.

8. (Original) A light emitting device according to claim 1, wherein the light reflector is a metal film.

9. (Original) A light emitting device according to claim 2, wherein the light reflector is a metal film.

10. (Original) A light emitting device according to claim 4, wherein the light reflector is a metal film.

11. (Original) A light emitting device according to claim 6, wherein the light reflector is a metal film.

12. (Original) A light emitting device according to claim 1, wherein the taper angle (θ_b) of the light reflector and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $\theta_b < (45^\circ + \theta_f/2)$.

13. (Original) A light emitting device according to claim 2, wherein the taper angle (θ_b) of the light reflector and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $\theta_b < (45^\circ + \theta_f/2)$.

14. (Original) A light emitting device according to claim 4, wherein the taper angle (θ_b) of the light reflector and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $\theta_b < (45^\circ + \theta_f/2)$.

15. (Original) A light emitting device according to claim 6, wherein the taper angle (θ_b) of the light reflector and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $\theta_b < (45^\circ + \theta_f/2)$.

16. (Original) A light emitting device according to claim 1, wherein the maximum distance (L) from the organic compound layer to the light reflector, the maximum thickness (D) from the organic compound layer to the light reflector, and the critical angle (θ_f) at the interface between the

light emitting device and the air satisfy $L/D < \tan\theta_f$.

17. (Original) A light emitting device according to claim 2, wherein the maximum distance (L) from the organic compound layer to the light reflector, the maximum thickness (D) from the organic compound layer to the light reflector, and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $L/D < \tan\theta_f$.

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18. (Original) A light emitting device according to claim 4, wherein the maximum distance (L) from the organic compound layer to the light reflector, the maximum thickness (D) from the organic compound layer to the light reflector, and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $L/D < \tan\theta_f$.

19. (Original) A light emitting device according to claim 6, wherein the maximum distance (L) from the organic compound layer to the light reflector, the maximum thickness (D) from the organic compound layer to the light reflector, and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $L/D < \tan\theta_f$.

20. (Original) A light emitting device according to claim 3, wherein the taper angle (θ_b) of the cathode formed so as to cover the hole and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $\theta_b < (45^\circ + \theta_f/2)$.

21. (Original) A light emitting device according to claim 5, wherein the taper angle (θ_b) of the cathode formed so as to cover the hole and the critical angle (θ_f) at the interface between the light

emitting device and the air satisfy $\theta_b < (45^\circ + \theta_f/2)$.

22. (Original) A light emitting device according to claim 7, wherein the taper angle (θ_b) of the cathode formed so as to cover the hole and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $\theta_b < (45^\circ + \theta_f/2)$.

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23. (Original) A light emitting device according to claim 3, wherein the maximum distance (L) from the organic compound layer to the cathode formed so as to cover the hole, the maximum thickness (D) from the organic compound layer to the cathode, and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $L/D < \tan\theta_f$.

24. (Original) A light emitting device according to claim 5, wherein the maximum distance (L) from the organic compound layer to the cathode formed so as to cover the hole, the maximum thickness (D) from the organic compound layer to the cathode, and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $L/D < \tan\theta_f$.

25. (Original) A light emitting device according to claim 7, wherein the maximum distance (L) from the organic compound layer to the cathode formed so as to cover the hole, the maximum thickness (D) from the organic compound layer to the cathode, and the critical angle (θ_f) at the interface between the light emitting device and the air satisfy $L/D < \tan\theta_f$.

26. (Original) A light emitting device according to claim 1, wherein the hole is placed so as not to overlap the light emitting element.

27. (Original) A light emitting device according to claim 2, wherein the hole is placed so as not to overlap the light emitting element.

28. (Original) A light emitting device according to claim 3, wherein the hole is placed so as not to overlap the light emitting element.

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29. (Original) A light emitting device according to claim 4, wherein the hole is placed so as not to overlap the light emitting element.

30. (Original) A light emitting device according to claim 5, wherein the hole is placed so as not to overlap the light emitting element.

31. (Original) A light emitting device according to claim 6, wherein the hole is placed so as not to overlap the light emitting element.

32. (Original) A light emitting device according to claim 7, wherein the hole is placed so as not to overlap the light emitting element.

33. (Currently amended) A light emitting device according to claim 1,
wherein first and second wiring lines are provided on the ~~substrate~~ insulating surface, and
wherein the hole is placed in a region surrounded by the first and second wiring lines.

34. (Currently amended) A light emitting device according to claim 2,
wherein first and second wiring lines are provided on the ~~substrate~~ insulating surface, and
wherein the hole is placed in a region surrounded by the first and second wiring lines.

35. (Currently amended) A light emitting device according to claim 3,
wherein first and second wiring lines are provided on the ~~substrate~~ insulating surface, and
wherein the hole is placed in a region surrounded by the first and second wiring lines.

36. (Currently amended) A light emitting device according to claim 4,
wherein first and second wiring lines are provided on the ~~substrate~~ insulating surface, and
wherein the hole is placed in a region surrounded by the first and second wiring lines.

37. (Currently amended) A light emitting device according to claim 5,
wherein first and second wiring lines are provided on the ~~substrate~~ insulating surface, and
wherein the hole is placed in a region surrounded by the first and second wiring lines.

38. (Currently amended) A light emitting device according to claim 6,
wherein first and second wiring lines are provided on the ~~substrate~~ insulating surface, and
wherein the hole is placed in a region surrounded by the first and second wiring lines.

39. (Currently amended) A light emitting device according to claim 7,
wherein first and second wiring lines are provided on the ~~substrate~~ insulating surface, and
wherein the hole is placed in a region surrounded by the first and second wiring lines.

40. (Original) A light emitting device according to claim 33, wherein each of the first and second wiring lines is one selected from the group consisting of a source line, a gate line, a power supply line, a capacitance line, and a reset line.

B¹ 41. (Original) A light emitting device according to claim 34, wherein each of the first and second wiring lines is one selected from the group consisting of a source line, a gate line, a power supply line, a capacitance line, and a reset line.

42. (Original) A light emitting device according to claim 35, wherein each of the first and second wiring lines is one selected from the group consisting of a source line, a gate line, a power supply line, a capacitance line, and a reset line.

43. (Original) A light emitting device according to claim 36, wherein each of the first and second wiring lines is one selected from the group consisting of a source line, a gate line, a power supply line, a capacitance line, and a reset line.

44. (Original) A light emitting device according to claim 37, wherein each of the first and second wiring lines is one selected from the group consisting of a source line, a gate line, a power supply line, a capacitance line, and a reset line.

45. (Original) A light emitting device according to claim 38, wherein each of the first and second wiring lines is one selected from the group consisting of a source line, a gate line, a power

supply line, a capacitance line, and a reset line.

46. (Original) A light emitting device according to claim 39, wherein each of the first and second wiring lines is one selected from the group consisting of a source line, a gate line, a power supply line, a capacitance line, and a reset line.

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47. (Original) A light emitting device according to claim 4, wherein the hole formed in the first insulating film and the hole formed in the second insulating film overlap each other.

48. (Original) A light emitting device according to claim 5, wherein the hole formed in the first insulating film and the hole formed in the second insulating film overlap each other.

49. (Original) A light emitting device according to claim 6, wherein the hole formed in the first insulating film, the hole formed in the second insulating film, and the hole formed in the third insulating film overlap one another.

50. (Original) A light emitting device according to claim 7, wherein the hole formed in the first insulating film, the hole formed in the second insulating film, and the hole formed in the third insulating film overlap one another.

51. (Original) A light emitting device according to claim 1, wherein an electronic equipment comprising the light emitting device is selected from the group of a light emitting display device, a digital still camera, a lap top computer, a mobile computer, a DVD player, goggle type display, a

video camera and a mobile phone.

52. (Original) A light emitting device according to claim 2, wherein an electronic equipment comprising the light emitting device is selected from the group of a light emitting display device, a digital still camera, a lap top computer, a mobile computer, a DVD player, goggle type display, a video camera and a mobile phone.

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53. (Original) A light emitting device according to claim 3, wherein an electronic equipment comprising the light emitting device is selected from the group of a light emitting display device, a digital still camera, a lap top computer, a mobile computer, a DVD player, goggle type display, a video camera and a mobile phone.

54. (Original) A light emitting device according to claim 4, wherein an electronic equipment comprising the light emitting device is selected from the group of a light emitting display device, a digital still camera, a lap top computer, a mobile computer, a DVD player, goggle type display, a video camera and a mobile phone.

55. (Original) A light emitting device according to claim 5, wherein an electronic equipment comprising the light emitting device is selected from the group of a light emitting display device, a digital still camera, a lap top computer, a mobile computer, a DVD player, goggle type display, a video camera and a mobile phone.

56. (Original) A light emitting device according to claim 6, wherein an electronic equipment

comprising the light emitting device is selected from the group of a light emitting display device, a digital still camera, a lap top computer, a mobile computer, a DVD player, goggle type display, a video camera and a mobile phone.

*Concluded
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57. (Original) A light emitting device according to claim 7, wherein an electronic equipment comprising the light emitting device is selected from the group of a light emitting display device, a digital still camera, a lap top computer, a mobile computer, a DVD player, goggle type display, a video camera and a mobile phone.
